

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	04/26/2017 04/26/2017	Herman Phillips

LM Start		Rating **	M	Issue No.	3
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0349_01_f_2014_3				
Comment Code					
Inspector Comment					
Was not able to see flood fight material storage location. The President of the District was not available with me on this inspection.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0349_01_f_2014_4				
Comment Code					
Inspector Comment					
RD 349 has O&M Manual on hand.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	04/26/2017 04/26/2017	Herman Phillips

LM Start		Rating **	M	Issue No.	14	
LM End		Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Flood Preparedness & Training				o	
					o	
DWR ID	DWR_RD0349_01_f_2014_14					
Comment Code						
Inspector Comment						
RD 349 does not have a crew, only landowners and farmers. Was not able to determine if they have been trained recently.						

No Photos

LM Start	0.00	Rating **	U	Issue No.	15
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.327148 °	38.313078 °
				-121.576952 °	-121.578780 °
DWR ID	DWR_RD0349_01_f_2016_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild growth of vegetation on the landside levee slope.					

Photo 1 of 1 : SP_2017_RD0349_204_15_20170426_00024.jpg



RD 349 Unit 1 levee mile 0.00 looking downstream landside slope.

LM Start	0.01	Rating **	U	Issue No.	20
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.327073 °	38.313798 °
				-121.576945 °	-121.578953 °
DWR ID	DWR_RD0349_01_s_2016_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the unwanted wild growth of brush and other vegetation from the waterside slope. Unable to see the ground.					

Photo 1 of 1 : SP_2017_RD0349_204_20_20170426_00025.jpg



RD 349 Unit 1 Levee mile 0.01 waterside shoulder looking downstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Sacramento River	Right	1.59	04/26/2017 04/26/2017	Herman Phillips

LM Start	0.03	Rating **	M	Issue No.	7
LM End	0.10	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.326743 °	38.325844 °
				-121.576979 °	-121.577119 °
DWR ID	DWR_RD0349_01_s_2016_7				
Comment Code					
Inspector Comment					
2015: Erosion observed at the toe. [2015 Site ID: SAC_33-9_R]					

No Photos

LM Start	1.24	Rating **	M	Issue No.	10
LM End	1.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.309635 °	38.305938 °
				-121.577290 °	-121.574802 °
DWR ID	DWR_RD0349_01_f_2014_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Thin the tree growth so the slope can be seen during inspection.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	1.59	04/26/2017 04/26/2017	Herman Phillips

LM Start	1.53	Rating **	M	Issue No.	21
LM End	1.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.305883 °	38.305450 °
				-121.574765 °	-121.574657 °
DWR ID	DWR_RD0349_01_f_2015_21				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the growth from the waterside slope.					

No Photos

LM Start	1.56	Rating **	U	Issue No.	13
LM End	1.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.305450 °	38.305162 °
				-121.574687 °	-121.574750 °
DWR ID	DWR_RD0349_01_f_2014_13				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
This Arundo present on the waterward section is blocking the view of the levee section. Remove it from the shoulder and slope. This Arundo is so thick the entire slope is completely blocked from view.					

Photo 1 of 1 : SP_2017_RD0349_204_13_20170404_00002.jpg



RD 349 Unit 1 waterside shoulder and slope levee mile 1.56-1.58.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	0.03	Rating **	U	Issue No.	34
LM End	1.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.304993 °	38.289043 °
				-121.575160 °	-121.584015 °
DWR ID	DWR_RD0349_02_f_2016_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the annual grasses and weeds from the slope and berm.					

Photo 1 of 1 : SP_2017_RD0349_205_34_20170516_00082.jpg



RD 349 Unit 2 landside.

LM Start	0.04	Rating **	U	Issue No.	37
LM End	0.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.304928 °	38.300007 °
				-121.575310 °	-121.581023 °
DWR ID	DWR_RD0349_02_s_2017_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Spray and mow the waterside slope and shoulder.					

Photo 1 of 1 : SP_2017_RD0349_205_37_20170516_00083.jpg



RD 349 Unit 2 looking at the waterside slope and shoulder.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	0.34	Rating **	M	Issue No.	9
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.302358 °	38.301772 °
				-121.579707 °	-121.580093 °
DWR ID	DWR_RD0349_02_s_2016_9				
Comment Code					
Inspector Comment					
2007 - Slow erosion, probably due to wave wash and fluvial erosion. Site has likely been here for awhile but was unseen due to boats parked in front. 2015: Large tree popout, scarp reaches crown of levee. [2015 Site ID: STM_25-8_R]					

Photo 1 of 1 : SP_2017_RD0349_205_9_20170404_00008.jpg



USACE 2013 Photo #1

LM Start	0.35	Rating **	U	Issue No.	39
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.302368 °	38.302368 °
				-121.579933 °	-121.579933 °
DWR ID	DWR_RD0349_02_s_2017_39				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
This erosion occurred during the Feb Storm 2017 event. This site need immediate attention,					

Photo 1 of 1 : SP_2017_RD0349_205_39_20170516_00086.jpg



RD 349 Unit 2 levee mile 0.35 waterside slope and shoulder.

LM Start	0.35	Rating **	M	Issue No.	38
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.302277 °	38.302277 °
				-121.579960 °	-121.579960 °
DWR ID	DWR_RD0349_02_s_2017_38				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the waterside slope cut up and remove from the levee section.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	0.45	Rating **	M	Issue No.	49
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.300990 °	38.300853 °
				-121.580678 °	-121.580748 °
DWR ID	DWR_RD0349_02_s_2016_49				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Thin out the trees to allow the slope to be seen.					

No Photos

LM Start	0.57	Rating **	M	Issue No.	62
LM End	3.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299367 °	38.262782 °
				-121.581490 °	-121.591812 °
DWR ID	DWR_RD0349_02_f_2014_62				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the unwanted vegetation from the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	0.60	Rating **	M	Issue No.	13
LM End	0.72	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.298897 °	38.297384 °
				-121.581571 °	-121.582176 °
DWR ID	DWR_RD0349_02_s_2016_13				
Comment Code					
Inspector Comment					
2010 - Small maintenance, erosion into the toe. 2011 - Minor new erosion at toe. 2015: Minor new erosion at toe, new tree popout. [2015 Site ID: STM_25-5_R]					

Photo 1 of 1 : SP_2017_RD0349_205_13_20170404_00011.jpg



USACE 2013 Photo #1

LM Start	1.08	Rating **	U	Issue No.	36
LM End	1.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.292380 °	38.292282 °
				-121.583963 °	-121.583958 °
DWR ID	DWR_RD0349_02_f_2016_36				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Land owner damaged the slope waterside. The damage need to be repaired soon as possible.					

Photo 1 of 2 : SP_2017_RD0349_205_36_20170404_00016.jpg



RD 349 Unit 2 waterside slope and berm Land owner has dug a pit.

LM Start	1.08	Rating **	U	Issue No.	36 (cont)
LM End	1.08	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0349_205_36_20170404_00018.jpg



The landowner has knotted step into the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	1.33	Rating **	U	Issue No.	10
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.288727 °	38.286475 °
				-121.583823 °	-121.585026 °
DWR ID	DWR_RD0349_02_s_2016_10				
Comment Code					
Inspector Comment					
1997 - Erosion of very sandy levee behind large stand of riparian vegetation on top right bank. Dry ravel of sand. 1999 - Quarry waste rock was dumped down the levee slope; poor repair job; still eroding in places. Eroding at midslope off fabric. 2005 - Length revised, only the middle 150 - 200 ft are eroding. 2006 - Some rock/small material dumped down the bank but it is slowly unraveling. Upstream end is unraveling faster. Steep slope with poor gradation so fines are washing out. 2010 - Lots of overhanging trees and erosion pockets. 2011 - This site is upgraded to CRITICAL. Near vertical bank at the downstream end. New erosion at various locations throughout the site. 2015: No observed changes. [2015 Site ID: STM_24-7_R]					

Photo 1 of 1 : SP_2017_RD0349_205_10_20170404_00009.jpg



USACE 2013 Photo #1

LM Start	1.77	Rating **	U	Issue No.	47
LM End	4.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.284002 °	38.254703 °
				-121.588933 °	-121.599700 °
DWR ID	DWR_RD0349_02_s_2017_47				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth other than native grasses from the landside levee slope.					

Photo 1 of 1 : SP_2017_RD0349_205_47_20170516_00088.jpg



RD 349 Unit 2 levee mile 1.77-3.79 landside slope and shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	2.04	Rating **	M	Issue No.	19
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.280069 °	38.279919 °
				-121.589443 °	-121.589438 °
DWR ID	DWR_RD0349_02_s_2016_19				
Comment Code					
Inspector Comment					
2011 - Small scallop caused by erosion and wave wash. 2015: No observed changes. [2015 Site ID: STM_24-1_R]					

Photo 1 of 1 : SP_2017_RD0349_205_19_20170404_00013.jpg



USACE 2013 Photo #1

LM Start	2.11	Rating **	M	Issue No.	16
LM End	2.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.279017 °	38.278597 °
				-121.589615 °	-121.589854 °
DWR ID	DWR_RD0349_02_s_2016_16				
Comment Code					
Inspector Comment					
1997 - Top right bank has retreated into the levee. Site is between two rock sites. 1999 - Downstream half of the reach repaired with rock. 2000 - Trees leaning into the water. 2010 - Site appears worse. 2011 - New erosion at the toe. 2013 - Short vertical sections observed at upstream end. 2015: Minor new erosion. [2015 Site ID: STM_23-9_R]					

Photo 1 of 1 : SP_2017_RD0349_205_16_20170404_00012.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	2.56	Rating **	M	Issue No.	3
LM End	2.69	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.273854 °	38.271998 °
				-121.588745 °	-121.589424 °
DWR ID	DWR_RD0349_02_s_2016_3				
Comment Code					
Inspector Comment					
2011 - Toe scour at the tidal zone. 2015: New tree popout and minor new erosion. [2015 Site ID: STM_23-6_R]					

Photo 1 of 2 : SP_2017_RD0349_205_3_20170404_00004.jpg



USACE 2013 Photo #1

LM Start	2.56	Rating **	M	Issue No.	3 (cont)
LM End	2.69	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0349_205_3_20170404_00005.jpg



USACE 2013 Photo #2

LM Start	3.00	Rating **	M	Issue No.	66
LM End	3.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.267710 °	38.267280 °
				-121.588828 °	-121.588613 °
DWR ID	DWR_RD0349_02_s_2016_66				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Thin the trees on the landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

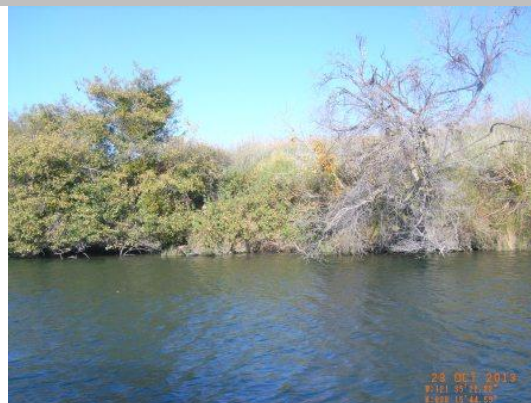
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	3.38	Rating **	M	Issue No.	11
LM End	3.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.262510 °	38.262533 °
				-121.589481 °	-121.591690 °
DWR ID	DWR_RD0349_02_s_2016_11				
Comment Code					
Inspector Comment					
2010 - Slumping sections on the lower bank, appears to be scouring around the trees. 2011 - Soil beach at toe. 2015: No observed changes. [2015 Site ID: STM_22-8_R]					

Photo 1 of 1 : SP_2017_RD0349_205_11_20170404_00010.jpg



USACE 2013 Photo #1

LM Start	3.58	Rating **	U	Issue No.	84
LM End	4.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.262588 °	38.254733 °
				-121.593328 °	-121.599963 °
DWR ID	DWR_RD0349_02_f_2015_84				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the snap grasses from the waterside levee slope.					

Photo 1 of 1 : SP_2017_RD0349_205_84_20170404_00027.jpg



Tall snap grasses covering the waterward slope. No change.

LM Start	3.72	Rating **	M	Issue No.	22
LM End	3.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.261111 °	38.261001 °
				-121.595062 °	-121.595052 °
DWR ID	DWR_RD0349_02_s_2012_22				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the levee slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Steamboat Slough	Right	4.32	04/26/2017 04/26/2017	Herman Phillips

LM Start	3.81	Rating **	M	Issue No.	85
LM End	3.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.259882 °	38.257252 °
				-121.595245 °	-121.595403 °
DWR ID	DWR_RD0349_02_f_2015_85				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents from the levee section.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	34
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.254752 °	38.275993 °
				-121.600067 °	-121.601013 °
DWR ID	DWR_RD0349_03_f_2016_34				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Tall weeds on the landside levee slope need to be removed from the levee section.					

Photo 1 of 1 : SP_2017_RD0349_206_34_20170522_00078.jpg



RD 349 Unit 4 levee mile 0.00 landside slope and shoulder.

LM Start	0.00	Rating **	U	Issue No.	35	
LM End	2.74	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.254752 °		38.292205 °
				-121.600067 °		-121.603727 °
DWR ID	DWR_RD0349_03_f_2016_35					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						
Tall weeds on the waterside levee slope need to be removed.						

Photo 1 of 1 : SP_2017_RD0349_206_35_20170522_00079.jpg



RD 349 Unit 4 levee mile 0.00 waterside slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	0.04	Rating **	U	Issue No.	37
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.255327 °	38.255327 °
				-121.600033 °	-121.600033 °
DWR ID	DWR_RD0349_03_f_2016_37				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree on the waterside slope (large). This tree will fall and block access to the levee crown roadway. Remove the dead tree from the levee section.					

Photo 1 of 1 : SP_2017_RD0349_206_37_20170522_00077.jpg



RD 349 Unit 4 levee mile 0.04 Dead tree on the waterside shoulder and crown roadway.

LM Start	0.17	Rating **	M	Issue No.	38
LM End	1.14	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257200 °	38.270755 °
				-121.599772 °	-121.603570 °
DWR ID	DWR_RD0349_03_s_2017_38				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	0.30	Rating **	M	Issue No.	59
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.259081 °	38.259081 °
				-121.600046 °	-121.600046 °
DWR ID	DWR_RD0349_03_s_2014_59				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limb from the landside slope.					

No Photos

LM Start	1.49	Rating **	M	Issue No.	96
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.275532 °	38.275532 °
				-121.601225 °	-121.601225 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43446 DS_ID:24229 EP_NO: 2954 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the levee slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Note date on photos should be 3/18/09 not 7/26/08 camera metadata is incorrect. FIELD_STRUCT_DESC: [R.D. No. 349 Drainage Pumping Plant] 1 of 3: 18-inch pipe through the levee, 7.8 feet below the crown. Siphon breakers on waterward slope. Pumps on platform on landward side. FS Date: 3/19/2009					

Photo 1 of 2 : UCIP_SP_2017_43446_36725.jpg



Aerial map showing alignment of 18-inch pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	1.49	Rating **	M	Issue No.	96 (cont)	
LM End	1.49	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.275532 °	38.275532 °	
				-121.601225 °	-121.601225 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43446 DS_ID:24229 EP_NO: 2954 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the levee slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Note date on photos should be 3/18/09 not 7/26/08 camera metadata is incorrect. FIELD_STRUCT_DESC: [R.D. No. 349 Drainage Pumping Plant] 1 of 3: 18-inch pipe through the levee, 7.8 feet below the crown. Siphon breakers on waterward slope. Pumps on platform on landward side. FS Date: 3/19/2009						

Photo 2 of 2 : UCIP_SP_2017_43446_36726.jpg



View of all 3 pipes through levee and visible on waterward toe.

LM Start	1.49	Rating **	M	Issue No.	97
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.275546 °	38.275546 °
				-121.601218 °	-121.601218 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43445 DS_ID:24228 EP_NO: 2954 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Note date on photos should be 3/18/09 not 7/26/08 camera metadata is incorrect. FIELD_STRUCT_DESC: [R.D. No. 349 Drainage Pumping Plant] 2 of 3: 24-inch pipe through the levee, 7.8 feet below the crown. Siphon breakers on waterward slope. Pumps on platform on landward side. FS Date: 3/19/2009					

Photo 1 of 3 : UCIP_SP_2017_43445_36730.jpg



Enter photo 5 description or comment here.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	1.49	Rating **	M	Issue No.	97 (cont)
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.275546 °	38.275546 °
				-121.601218 °	-121.601218 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:43445
DS_ID:24228
EP_NO: 2954
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Note date on photos should be 3/18/09 not 7/26/08 camera metadata is incorrect.
FIELD_STRUCT_DESC: [R.D. No. 349 Drainage Pumping Plant] 2 of 3: 24-inch pipe through the levee, 7.8 feet below the crown. Siphon breakers on waterward slope. Pumps on platform on landward side.
FS Date: 3/19/2009

LM Start	1.49	Rating **	M	Issue No.	97 (cont)
LM End	1.49	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_43445_36727.jpg



View of pipe on waterward side--pipe running. Siphon breaker visible on pipe.

Photo 3 of 3 : UCIP_SP_2017_43445_36728.jpg



Pipe is wrapped--unwrapped coating.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	1.49	Rating **	M	Issue No.	98
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.275570 °	38.275570 °
				-121.601222 °	-121.601222 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:21632
DS_ID:24171
EP_NO: 2954
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Note date on photos should be 3/18/09 not 7/26/08 camera metadata is incorrect.
FIELD_STRUCT_DESC: [R.D. No. 349 Drainage Pumping Plant] 3 of 3: 24-inch pipe through the levee, 7.8 feet below the crown. Metal cutoff wall around pipe at landward shoulder. Siphon breakers on waterward slope. Two anchor posts driven into levee on each side of pipe. Pumps on platform on landward side. (Permit No. 2954-1959)
FS Date: 3/19/2009

LM Start	1.49	Rating **	M	Issue No.	98 (cont)
LM End	1.49	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_21632_36733.jpg



Aerial view of all 3 pipes through levee.

Photo 2 of 3 : UCIP_SP_2017_21632_36731.jpg



View of waterward side--2-24 inch pipes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	1.49	Rating **	M	Issue No.	98 (cont)
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.275570 °	38.275570 °
				-121.601222 °	-121.601222 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:21632 DS_ID:24171 EP_NO: 2954 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Note date on photos should be 3/18/09 not 7/26/08 camera metadata is incorrect. FIELD_STRUCT_DESC: [R.D. No. 349 Drainage Pumping Plant] 3 of 3: 24-inch pipe through the levee, 7.8 feet below the crown. Metal cutoff wall around pipe at landward shoulder. Siphon breakers on waterward slope. Two anchor posts driven into levee on each side of pipe. Pumps on platform on landward side. (Permit No. 2954-1959) FS Date: 3/19/2009					

Photo 3 of 3 : UCIP_SP_2017_21632_36734.jpg



All 3 pipes visible on waterward side--tall grass limits inspection on waterward side.

LM Start	1.52	Rating **	M	Issue No.	43
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.275993 °	38.281177 °
				-121.601010 °	-121.600830 °
DWR ID	DWR_RD0349_03_s_2017_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	1.89	Rating **	U	Issue No.	47
LM End	6.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.281177 °	38.328778 °
				-121.600830 °	-121.579013 °
DWR ID	DWR_RD0349_03_s_2017_47				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the annual grasses and weeds from the landside slope and berm.					

Photo 1 of 1 : SP_2017_RD0349_206_47_20170522_00076.jpg



RD 349 Unit 4 looking from levee mile 1.89 landside slope and berm.

LM Start	1.92	Rating **	M	Issue No.	2
LM End	1.97	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.310959 °	38.311288 °
				-121.597748 °	-121.596972 °
DWR ID	DWR_RD0349_03_s_2016_2				
Comment Code					
Inspector Comment					
2015: Tall vertical sections into the levee slope and erosion along the toe. [2015 Site ID: STR_26-1_R]					

No Photos

LM Start	2.74	Rating **	M	Issue No.	40
LM End	3.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292205 °	38.295762 °
				-121.603727 °	-121.604755 °
DWR ID	DWR_RD0349_03_f_2016_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
There is a veg site here that has not been maintained, the site is not managed and not maintained.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	3.01	Rating **	U	Issue No.	73
LM End	6.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.296033 °	38.328778 °
				-121.604735 °	-121.579013 °
DWR ID	DWR_RD0349_03_s_2017_73				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the annual grasses from the levee slope and shoulder.					

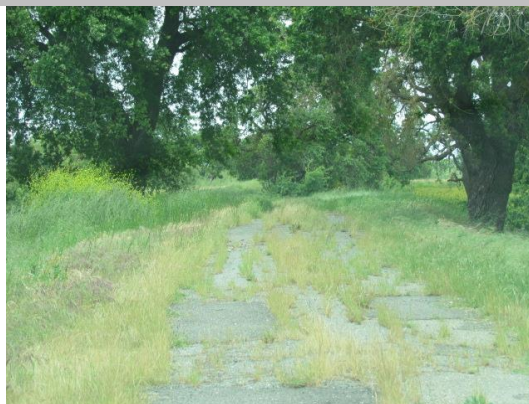
Photo 1 of 1 : SP_2017_RD0349_206_73_20170522_00080.jpg



RD 349 Unit 4 waterside shoulder and slope.levee mile 3.01-6.33.

LM Start	3.99	Rating **	U	Issue No.	50
LM End	6.33	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.307972 °	38.328778 °
				-121.597037 °	-121.579013 °
DWR ID	DWR_RD0349_03_s_2017_50				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : SP_2017_RD0349_206_50_20170522_00081.jpg



RD 349 Unit 4 levee mile 3.99 -6.33 crown roadway.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	4.20	Rating **	M	Issue No.	78
LM End	4.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.310528 °	38.310528 °
				-121.597180 °	-121.597180 °
DWR ID	DWR_RD0349_03_f_2014_78				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Dead tree need removing from levee section.					

No Photos

LM Start	5.04	Rating **	M	Issue No.	42
LM End	5.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.320321 °	38.320321 °
				-121.589617 °	-121.589617 °
DWR ID	DWR_RD0349_03_f_2016_42				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
This elderberry bush here can be trimmed so the ground can be seen.					

No Photos

LM Start	5.06	Rating **	M	Issue No.	3
LM End	5.18	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.320491 °	38.322233 °
				-121.589927 °	-121.590127 °
DWR ID	DWR_RD0349_03_s_2016_3				
Comment Code					
Inspector Comment					
2015: Large Tree popout and tall vertical sections into the levee slope. [2015 Site ID: STR_26-9_L]					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	5.22	Rating **	M	Issue No.	21
LM End	5.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.322693 °	38.322693 °
				-121.589327 °	-121.589327 °
DWR ID	DWR_RD0349_03_s_2012_21				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Remove tree limbs over hanging roadway.					

No Photos

LM Start	5.25	Rating **	M	Issue No.	36
LM End	5.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.322868 °	38.322868 °
				-121.588868 °	-121.588868 °
DWR ID	DWR_RD0349_03_f_2012_36				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Remove tree limb hanging over roadway.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

LM Start	5.83	Rating **	M	Issue No.	88
LM End	5.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.329465 °	38.329465 °
				-121.584995 °	-121.584995 °
DWR ID	DWR_RD0349_03_f_2014_88				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim the tree limb hanging over crown roadway.					

No Photos

LM Start	5.89	Rating **	M	Issue No.	90
LM End	5.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.330308 °	38.330308 °
				-121.584560 °	-121.584560 °
DWR ID	DWR_RD0349_03_f_2014_90				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim the tree limb hanging over crown roadway.					

No Photos

LM Start	6.09	Rating **	M	Issue No.	86
LM End	6.09	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.331327 °	38.331327 °
				-121.582067 °	-121.582067 °
DWR ID	DWR_RD0349_03_f_2014_86				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Trim the tree limb hanging over crown roadway.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0349 Sutter Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Left	6.50	04/26/2017 04/26/2017	Herman Phillips

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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